

U.S. Patent Application Serial No. 10/624,886
Response filed September 7, 2006
Reply to OA dated June 8, 2006

AMENDMENTS TO THE TITLE OF THE INVENTION:

Amend the title so as to read as follows:

RECORDING MEDIUM TYPE DETERMINING APPARATUS AND ~~RECORDING~~
~~MEDIUM TYPE DETERMINING METHOD~~ FOR DETERMINING PRESENCE OF WOBBLE
ON A RECORDING MEDIUM .

AMENDMENTS TO THE SPECIFICATION:

Amend the specification as follows:

Please replace the heading beginning at page 4, line 19, with the following rewritten heading:

DETAILED DESCRIPTION OF THE ~~PREFERRED~~ PREFERRED EMBODIMENT(S)

Please replace the paragraph beginning at page 5, line 5, with the following rewritten paragraph:

The optical disc DK used in the optical disc drive 100 is classified to [[an]] a read only optical disc with information previously recorded and used only for reading out the information therefrom such as a DVD-ROM (Digital Versatile Disc – Read Only Memory), and [[an]] a writable optical disc in which information can be recorded and rewritten in a wobbling groove track thereon, such as a DVD-R (Digital Versatile Disc – Recordable) or a DVD-RW (Digital Versatile Disc – Rewritable).

Please replace the paragraph beginning at page 6, line 15, with the following rewritten paragraph:

The signal generating circuit 103 generates, based on the read signal from the PU 101, a focus error signal FE for focus control for the light beam, a tracking error signal TE for tracking control for the light beam, and a radial push-pull signal Spp. The radial push-pull signal Spp is generated by computing a difference between a signal detected by the quadrupole light detector in the innermost peripheral side of the disc and that detected in the outermost peripheral side of the disc when viewed optically. The signal generating circuit 103 outputs the focus error signal FE and the ~~racking~~ tracking error signal TE to the FCS/TRK servo circuit 104, and further outputs the radial push-pull signal Spp to the wobble signal detecting circuit 200.

Please replace the paragraph beginning at page 7, line 5, with the following rewritten paragraph:

The CPU 105 detects [[an]] ~~a~~ detected value sent from the wobble signal detecting circuit 200 depending on a detected value read timing signal as a trigger, and determines the type of an optical disc, i.e. whether the optical disc is a DVD-ROM or a DVD-R/RW.